

08/07/01

1055 U.S. PTO

08-08-01

Please type a plus sign (+) inside this box → +

PTO/SB/05 (11-00)  
Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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UTILITY  
PATENT APPLICATION  
TRANSMITTAL

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. ACT-142 (1117-6)

First Inventor Steinberg et al.

Title ALIGNMENT APPARATUS AND METHOD FOR  
ALIGNING STACKED DEVICES

Express Mail Label No. EL820508690US

## APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2. ☒ Applicant claims small entity status.  
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 40]  
(preferred arrangement set forth below)
- Descriptive title of the invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference to sequence listing, a table, or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 10]
5. Oath or Declaration [Total Pages ]
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))  
(for continuation/divisional with Box 18 completed)
- i. ☐ **DELETION OF INVENTOR(S)**  
Signed statement attached deleting inventor(s)  
named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

## ADDRESS TO:

Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
  - ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

## ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17. ☒ Other: Check in the amount of \$833.00

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: \_\_\_\_\_

Prior application information: Examiner \_\_\_\_\_ Group Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

## 19. CORRESPONDENCE ADDRESS

☐ Customer Number or Bar Code Label (Insert Customer No. or Attach bar code label here) or ☒ Correspondence address below

Name	Edward C. Meagher, Esq.				
	DILWORTH & BARRESE, LLP				
Address	333 Earle Ovington Blvd.				
City	Uniondale	State	New York	Zip Code	11553
Country	U.S.A	Telephone	(516) 228-8484	Fax	(516) 228-8516

Name (Print/Type)	Edward C. Meagher	Registration No. (Attorney/Agent)	41,189
Signature		Date	8/7/01

## CERTIFICATION UNDER 37 C.F.R. § 1.10

I hereby certify that this correspondence and the documents referred to as enclosed are being deposited with the United States Postal Service on date below in an envelope as "Express Mail Post Office to Addressee" Mail Label Number EL820508690US addressed to: Assistant Commissioner for Patents, Box Patent Application, Washington, D.C. 20231.

Dated: August 7, 2001

Edward C. Meagher

1055 U.S. PTO  
08/07/01  
09/02/01  
08/07/01

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# FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 833.00

## Complete if Known

Application Number  
Filing Date August 7, 2001  
First Named Inventor Steinberg et al.  
Examiner Name  
Group Art Unit  
Attorney Docket No. ACT-142 (1117-6)

USPTO  
09/23/01  
09/23/01

METHOD OF PAYMENT (check one)		FEE CALCULATION (continued)	
<b>1.</b> <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to: Deposit Account Number 04-1121 Deposit Account Name DILWORTH & BARRESE, LLP <input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17 <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		<b>3. ADDITIONAL FEES</b> Large Entity Small Entity Fee Fee Fee Fee Code (\$) Code (\$) Code (\$) Code (\$) Fee Description Fee Paid	
<b>2.</b> <input checked="" type="checkbox"/> Payment Enclosed: <input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other		105 130 205 65 Surcharge - late filing fee or oath	
<b>FEE CALCULATION</b>		127 50 227 25 Surcharge - late provisional filing fee or cover sheet	
<b>1. BASIC FILING FEE</b> Large Entity Small Entity Fee Fee Fee Fee Code (\$) Code (\$) Fee Description Fee Paid		139 130 139 130 Non-English specification	
101 710 201 355 Utility filing fee \$355.00		147 2,520 147 2,520 For filing a request for <i>ex parte</i> reexamination	
106 320 206 160 Design filing fee		112 920* 112 920* Requesting publication of SIR prior to Examiner action	
107 490 207 245 Plant filing fee		113 1,840* 113 1,840* Requesting publication of SIR after Examiner action	
108 710 208 355 Reissue filing fee		115 110 215 55 Extension for reply within first month	
114 150 214 75 Provisional filing fee		116 390 216 195 Extension for reply within second month	
SUBTOTAL (1) (\$ 355.00		117 890 217 445 Extension for reply within third month	
<b>2. EXTRA CLAIM FEES</b>		118 1,390 218 695 Extension for reply within fourth month	
Total Claims 22 -20** = 2 x \$9 = \$18		128 1,890 228 945 Extension for reply within fifth month	
Independent Claims 7 -3** = 4 x \$40 = \$160		119 310 219 155 Notice of Appeal	
Multiple Dependent 270 = 0		120 310 220 155 Filing a brief in support of an appeal	
**or number previously paid, if greater; For Reissues, see below		121 270 221 135 Request for oral hearing	
Large Entity Small Entity Fee Fee Fee Fee Code (\$) Code (\$) Fee Description Fee Paid		138 1,510 138 1,510 Petition to institute a public use proceeding	
103 18 203 9 Claims in excess of 20		140 110 240 55 Petition to revive - unavoidable	
102 80 202 40 Independent claims in excess of 3		141 1,240 241 620 Petition to revive - unintentional	
104 270 204 135 Multiple dependent claim, if not paid		142 1,240 242 620 Utility issue fee (or reissue)	
109 80 209 40 ** Reissue independent claims over original patent		143 440 243 220 Design issue fee	
110 18 210 9 ** Reissue claims in excess of 20 and over original patent		144 600 244 300 Plant issue fee	
SUBTOTAL (2) (\$ 178.00		122 130 122 130 Petitions to the Commissioner	
<b>3. SUBTOTAL (3) (\$ 300.00</b>		123 50 123 50 Processing fee under 37 CFR 1.17(q)	
*Reduced by Basic Filing Fee Paid		126 240 126 240 Submission of Information Disclosure Stmt	
		581 40 581 40 Recording each patent assignment per property (times number of properties)	
		146 710 246 355 Filing a submission after final rejection (37 CFR § 1.129(a))	
		149 710 249 355 For each additional invention to be examined (37 CFR § 1.129(b))	
		179 710 279 355 Request for Continued Examination (RCE)	
		169 900 169 900 Request for expedited examination of a design application	
		Other fee (specify) Request for Early Publication 300	

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Edward C. Meagher	Registration No. (Attorney/Agent)	41,189
Signature		Telephone	(516) 228-8484
		Date	8/7/01

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Dated: August 7, 2001

Edward C. Meagher

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Steinberg et al.

Examiner: Not assigned

Serial No.: Not assigned

Group: Art Unit Not assigned

Filed: August 7, 2001

Docket: ACT-142 (1117-6)

For: ALIGNMENT APPARATUS AND  
METHOD FOR ALIGNING STACKED DEVICES

Assistant Commissioner for Patents  
Washington, D.C. 20231

**REQUEST FOR EARLY PUBLICATION  
PURSUANT TO 37 CFR §1.219**

Sir:

Applicants hereby request that the application filed concurrently herewith be published early pursuant to 37 CFR §1.219. Applicants have included a check in the amount of \$300 to cover the official surcharges associated with Applicants' request for early publication.

Respectfully submitted,

Edward C. Meagher  
Reg. No. 41,189  
Attorney for Applicant(s)

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CERTIFICATION UNDER 37 C.F.R. §1.10

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